

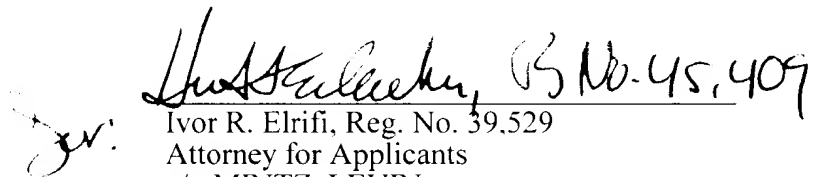
REMARKS

In response to the Notice to Comply with Sequence Listing Requirements, mailed February 11, 2003, Applicants submit a paper copy of the sequence listing, a computer readable copy of the sequence listing, and a statement in support of the computer readable format. The response is due on or before March 11, 2003.

Applicants believe that no additional fees are due in this filing, however, the Commissioner is authorized to charge any additional fees due, or credit any overpayment of same, to the undersigned's account, Deposit Account No. 50-0311, Reference No. 23239-301C.

Should any questions or issues arise concerning this application, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

Respectfully submitted,

 IVR No. 45,409

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Dated: March 11, 2003

Version with Markings to Show Changes Made

In the Drawings:

TRA 1771490v1

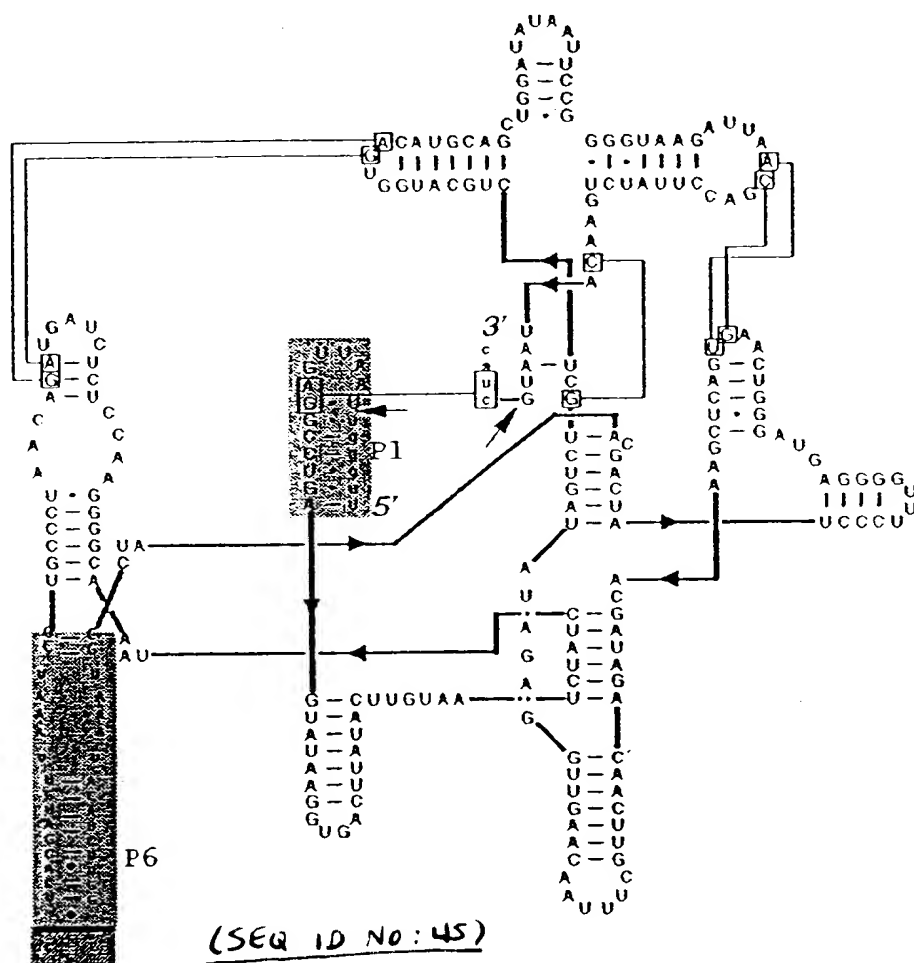
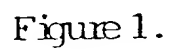
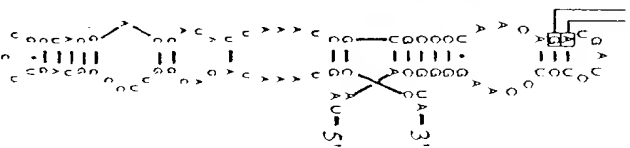
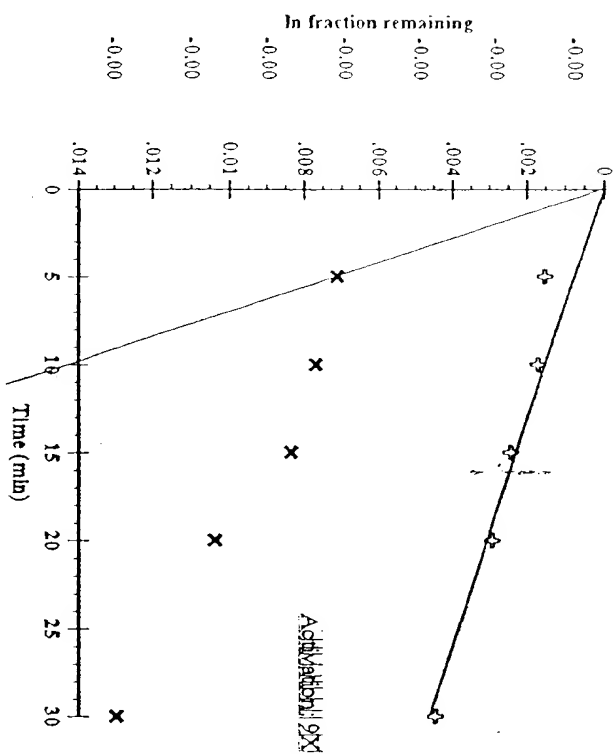
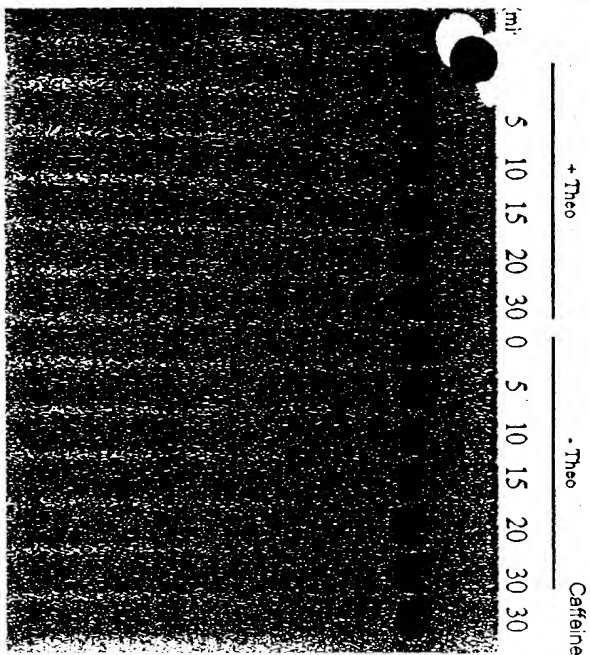
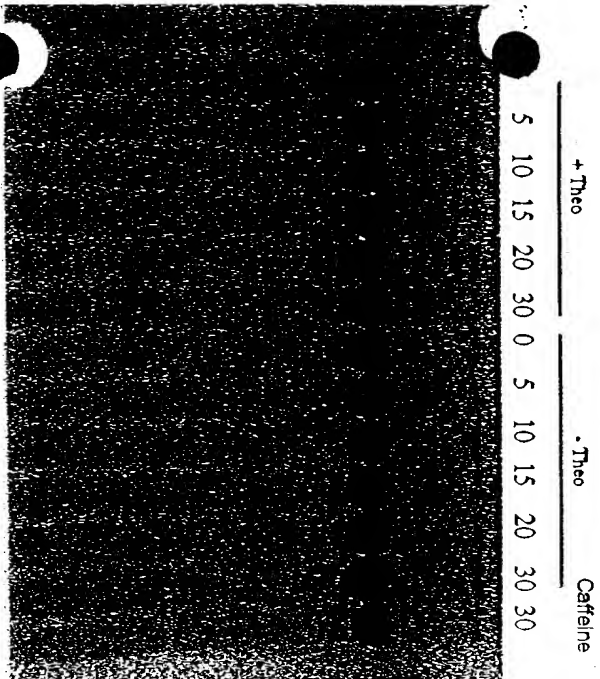


Figure 2a.



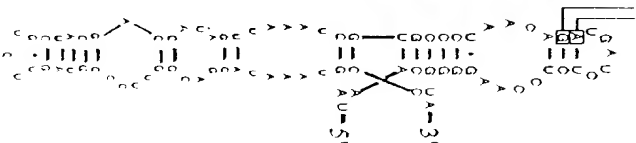
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Figure 2b.

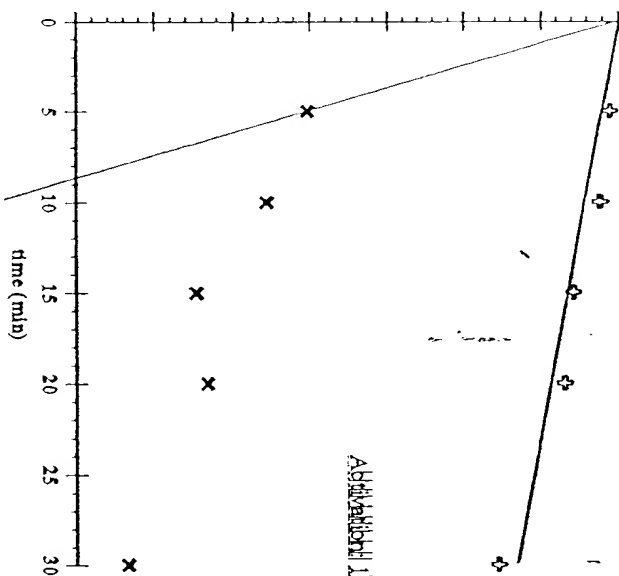


+Theo -Theo Caffeine

5 10 15 20 30 0 5 10 15 20 30 30



In fraction remaining

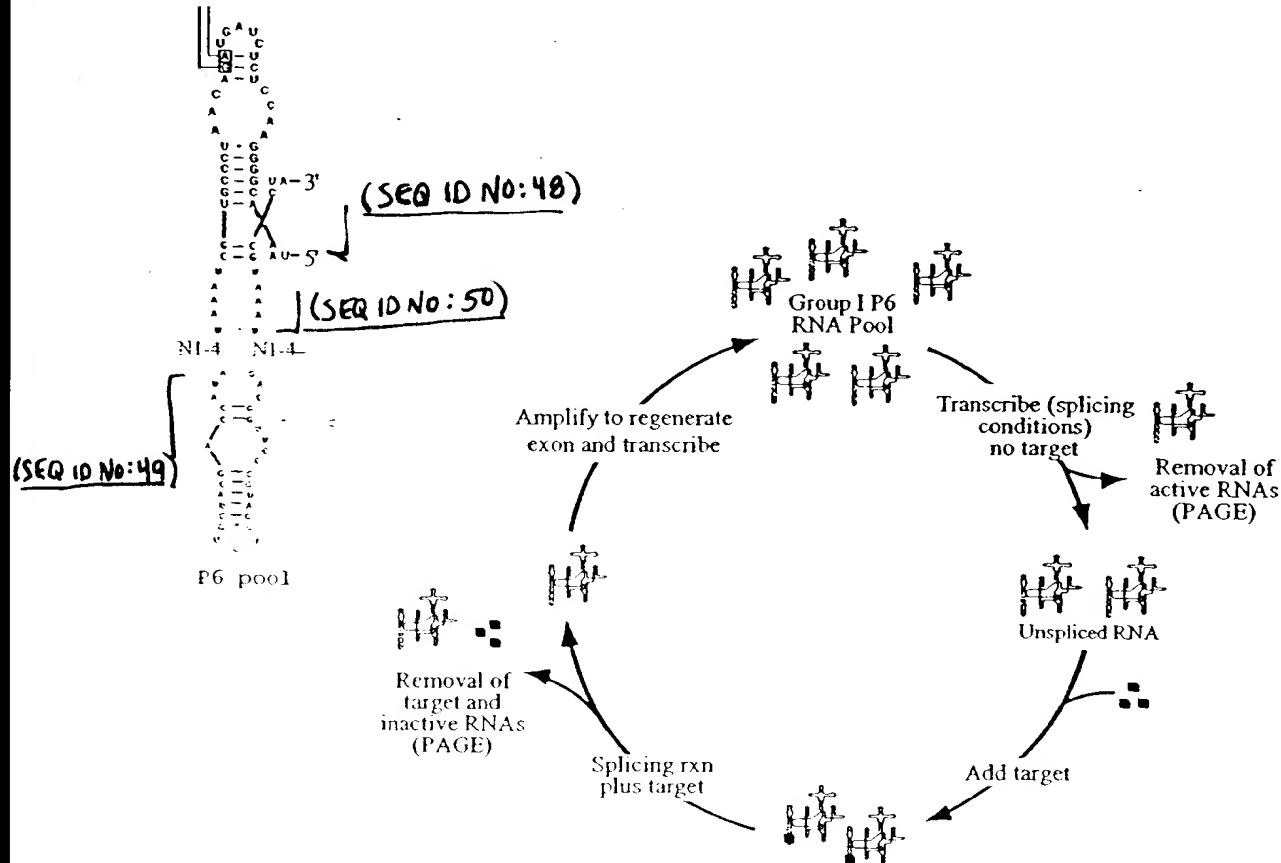


(+)
(x)



GPITH2P6.133
(SEA ID NO: 47)

Figure 4.



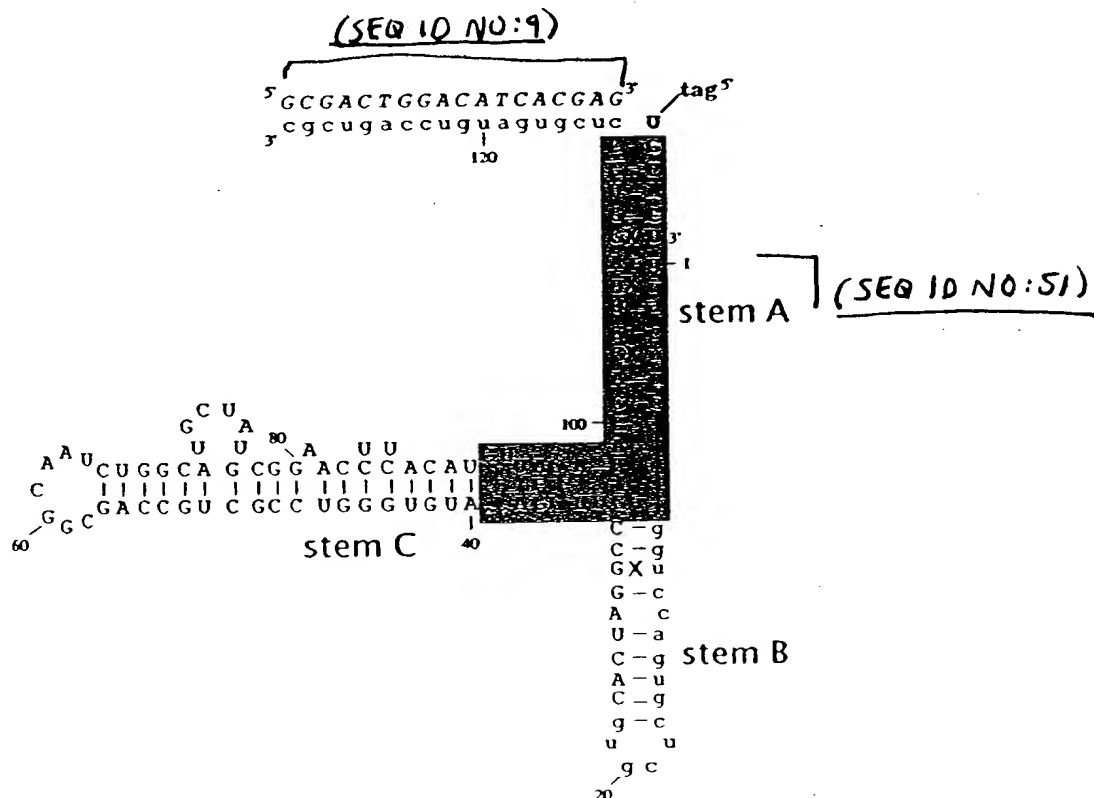


Fig. 15a

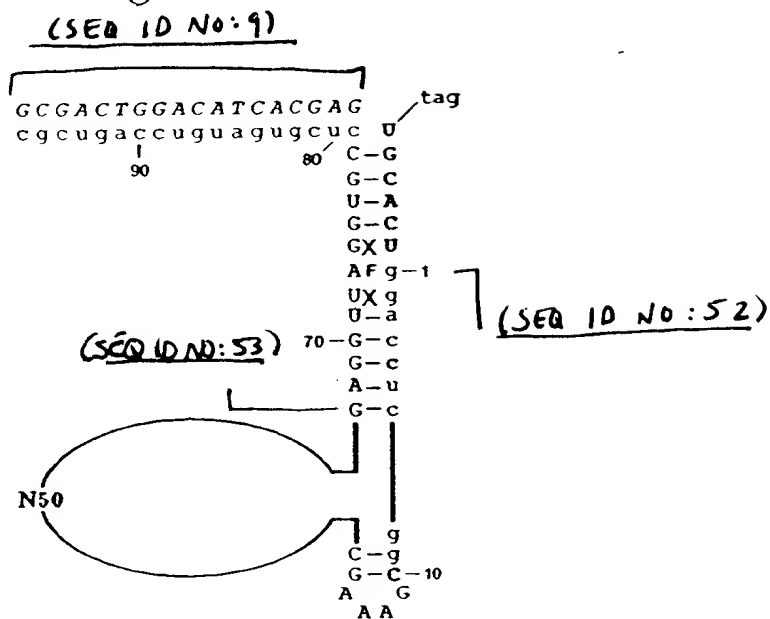


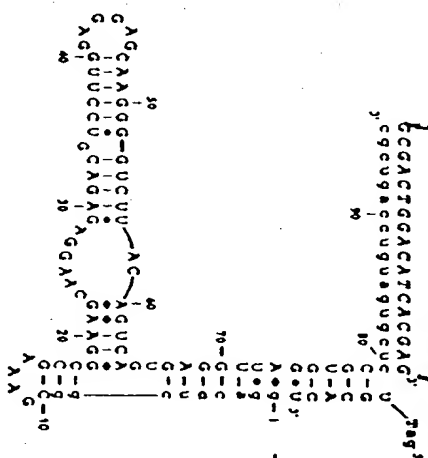
Fig. 15b



(SEQ ID NO.: 35)	cyt7-2	(0.61)	CGGAAGCAAGGAGACGTCCTTGAGAGCAAGG-----GCTTACAGTCAG
(SEQ ID NO.: 36)	cyt7-6	(0.22)	CAGAGCATTAAG----ACGGGTACTCTTTAGTGGCTCCCTTACCTTAGG
(SEQ ID NO.: 37)	cyt7-1	(0.08)	CAGAGCATTAAGCGGCGCCGCGGTGGATGTCGCCCTG-----GTGACTTTGGG
(SEQ ID NO.: 38)	cyt9-2	(0.03)	AGGACCCCGACAGATTGTCGGGCTGTATGCGTCGTTATTGAGATTAC
(SEQ ID NO.: 39)	cyt9-16	(0.03)	CAGTACGTTAATCCCGGAGCTAGTGCTCTTGTCGACAGTTATGGG
(SEQ ID NO.: 40)	cyt9-18	(0.03)	GCACACAGCACATAATTGCTTGGTCGGAAGCGTTTCGTTATTGAGTTTAC
(SEQ ID NO.: 41)	lys11-2	(0.50)	TAAGTCTCATGGCTAAATTGCCATGT-TGCTTCGAATGATATGACTAGA
(SEQ ID NO.: 42)	lys11-3	(0.38)	TAAGCAAGACTTTGGTGACCCGGTAGTCTTCTTAATATGATGACAGAGA
(SEQ ID NO.: 43)	lys11-28	(0.08)	TAATCCCGCACCTTAGAGACGGGTGCTGGA-TAAAAATGATATGACAGAGA
(SEQ ID NO.: 44)	lys11-6	(0.04)	TTTAAACGAGAGAAATTGGCAGTACCGTGCT-GGTTCCGAGATAACGAGA

(b)

(SERO ID NO: 9)



(See ID No: 54)

a)

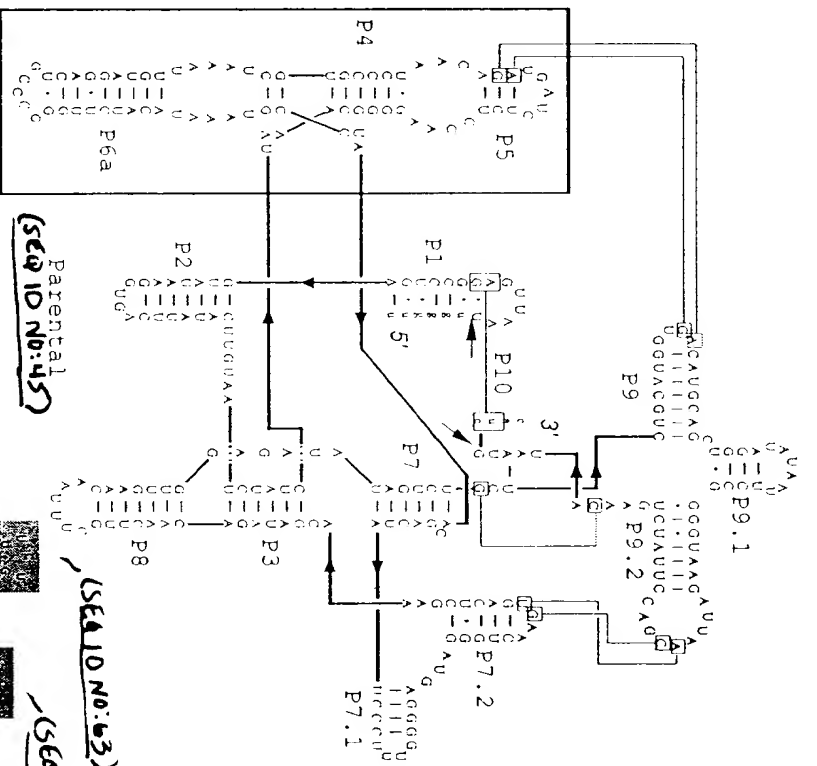
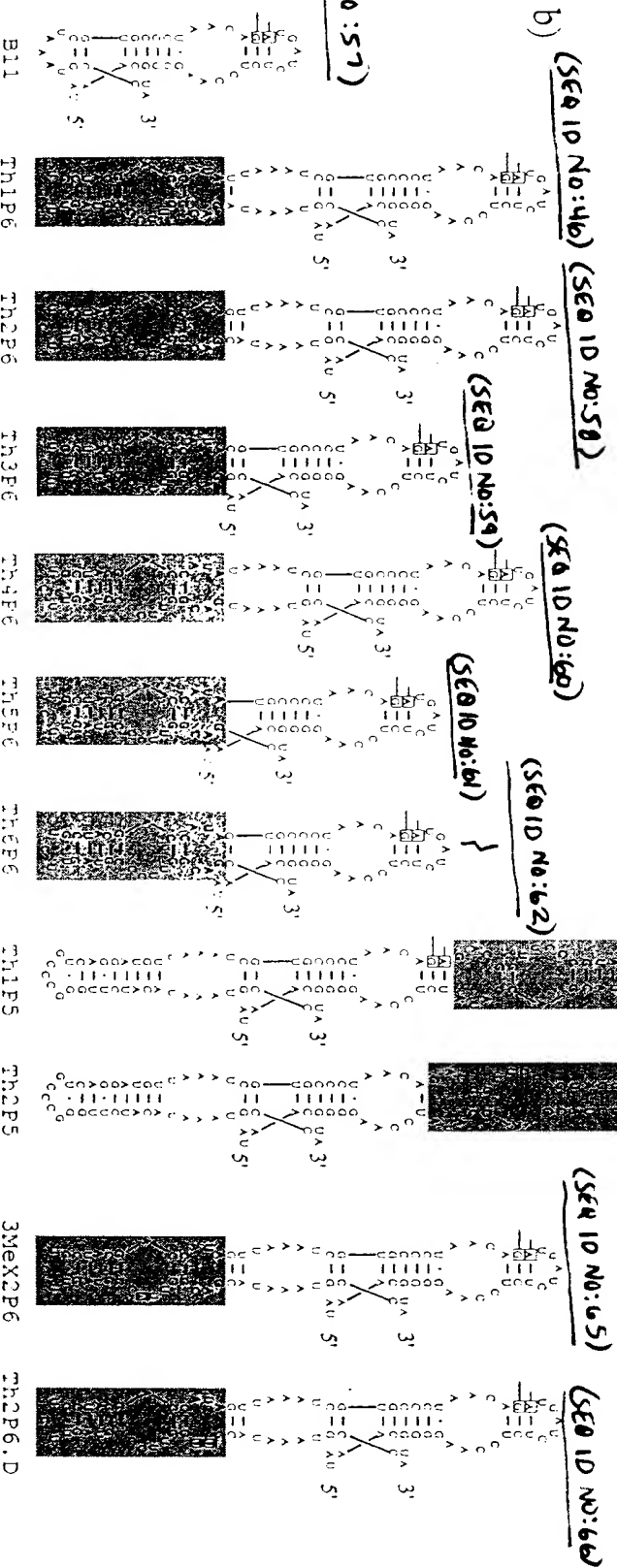


FIGURE 25

b)



B11

Th1P6

Th2P6

Th3P6

Th4P6

Th5P6

Th6P6

Th1P5

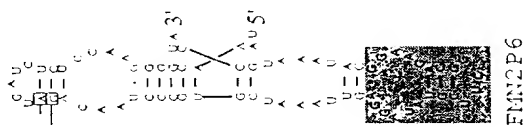
Th2P5

3Mex2P6

Th2P6.D

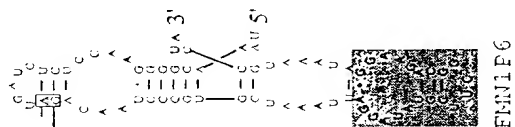


FIGURE 26



FMN2P6

(SEQ ID NO: 56)



FMN1P6

(SEQ ID NO: 55)